

AN - 1996-038263 [04]

AP - SU19884445110 19880620

CPY - PHAR-R

DC - B04

FS - CPI

IC - A61K35/78

IN - LITVINENKO V I; POPOVA N V; POPOVAT P

MC - B04-A08C2 B04-A10 B04-A10C B10-F02 B11-B

M1 - [01] M423 M720 M903 N161 V400 V401

PA - (PHAR-R) PHARMACEUTICALS CHEM TECHN RES INST

PN - RU1568310 C 19950430 DW199604 A61K35/78 003pp

PR - SU19884445110 19880620

XA - C1996-012790

XIC - A61K-035/78

AB - RU1568310 A method of obtaining a complex of biologically active water soluble substances from plant raw material by acetone extrn. of the comminuted plant material, evaporation, standing of the concentrate obtd., sepn. of the fractions formed, and thickening of the hydrophilic fraction is new.

- The raw material used is pistils of red pepper (*Capsicum annum L.*), which is extracted successively with 100% and 90% acetone and water at a raw material to solvent ratio of 1:(2.5-3.0), 1:(3.5-4.0), and 1:(2.0-3.0), and, before thickening, the sepd. hydrophilic fraction is purified by extrn. with a (9:1) mixt. of ethyl acetate and ethanol, in 3:1 and 2:1 ratio.

- ADVANTAGE - The method gives a 2% higher yield than the previous method in half the time.

- (Dwg.0/0)

IW - PRODUCE COMPLEX BIOLOGICAL ACTIVE WATER SOLUBLE SUBSTANCE PLANT RAW MATERIAL ACETONE@ EXTRACT RED PEPPER THICK HYDROPHILIC FRACTION

IKW - PRODUCE COMPLEX BIOLOGICAL ACTIVE WATER SOLUBLE SUBSTANCE PLANT RAW

MATERIAL ACETONE@ EXTRACT RED PEPPER THICK HYDROPHILIC FRACTION

INW - LITVINENKO V I; POPOVA N V; POPOVAT P

NC - 001

OPD - 1988-06-20

ORD - 1995-04-30

PAW - (PHAR-R) PHARMACEUTICALS CHEM TECHN RES INST

TI - Prodn. of a complex of biologically active water soluble substances from plant raw material - by acetone@ extrn. of red pepper to give a thick hydrophilic fraction